

## CONTENTS OF VOLUME 263

Effects of Phospholipids on Vascular Microsomal $^{45}\text{Ca}$ Uptake, Binding and Efflux. <i>P. Kutsky and G. B. Weiss</i> . . . . .	4
Pharmacodynamic Studies with Flunarizine, a Calcium Influx Blocker. <i>N. Gulati, H. Huggel and O. P. Gulati</i> . . . . .	17
Effects of Calcium Antagonists on Spontaneous and Pharmacologically Increased Contractility of Vascular Smooth Muscle. <i>M. Fiol de Cuneo, R. D. Ruiz, J. L. Lacuara and R. Santillan de Torres</i> . . . . .	28
Effect of Beta-Adrenergic Blockers on Isolated Coronary Arterial Strip and Tracheal Smooth Muscle of Pig. <i>O. P. Agarwal, J. N. Sharma and H. H. Siddiqui</i> . . . . .	40
The Effect of Dopamine on the Occurrence of Kidney Lesions Caused by Hypotension in Rats. <i>C. Van Der Meer, W. C. M. Cramer, P. M. Snijders and P. W. Valkenburg</i> . . . . .	50
Reduction of Blood Pressure and Vascular Collagen in the Spontaneously Hypertensive Rat by Elastase. <i>K. Iwatsuki, F. Lijima and S. Chiba</i> . . . . .	63
Effects of Chronic Administration of Vanadate on Blood Pressure, Heart Rate and $\text{Na}^+/\text{K}^+$ -ATPase Activity in Adult Male Wistar Rats. <i>A. L. Jadhav and B. S. Jandhyala</i> . . . . .	74
Effects of MD770207 (Carocainide) on Experimental Ventricular Arrhythmias. <i>B. Pourrias, F. Huerta, R. Santamaria and J. Tisne Versailles</i> . . . . .	85
Effect of Ketamine on Cholinergic Transmission in the Isolated Guinea-Pig Ileum Preparation. <i>A. O. Savage and I. O. Sanya</i> . . . . .	103
Spasmolytic Activity of Cinnamedrine and Papaverine in Isolated Rat Uterine Muscle. <i>W. R. Cumiskey and M. E. Feigenson</i> . . . . .	113
The Effects of Sodium Selenite on Rat Diaphragm Muscle. <i>A. Bozkurt and R. Onur</i> . . . . .	120
Action of Testosterone on some Biochemical Parameters Related to the Energy Metabolism of the Skeletal Muscle. <i>O. Pastoris, M. Dossena, D. Fulle, M. Taglietti and G. Benzi</i> . . . . .	129
Antagonism of the 5-HT-Induced Bronchoconstriction in the Cat. <i>R. Reiche and H.-H. Frey</i> . . . . .	139
Effects of Indomethacin, Aspirin and Related Compounds on the Transgastric Potential Difference in Cats. <i>R. G. Pendleton and J. M. Stavorski</i> . . . . .	146
Effects of Pimozide and Apomorphine on Insulin Secretion from the Perfused Rat Pancreas. <i>H. G. Joost, B. Göke and A. Hasselblatt</i> . . . . .	155
Quantitative Assessment of Jumping Behaviour of Morphine-like Analgesics in Mice. <i>H. Nakamura, Y. Yokoyama and M. Shimizu</i> . . . . .	164
Increase in Brain Prostaglandins during Convulsions is Due to Increased Neuronal Activity and not to Hypoxia. <i>U. Förstermann, R. Heldt and G. Hertting</i> . . . . .	180
ATPase Activities and Lipid Peroxidation in Rat Cerebral Cortex Synaptosomes. <i>J. C. Gilbert and A. H. Sawas</i> . . . . .	189
Acute Cardiac Effects of Fluvoxamine and other Antidepressants in Conscious Rabbits. <i>W. Wouters and W. Deiman</i> . . . . .	197
Effects of a New Beta-Adrenoceptor Blocking Agent, S-596 (Arotinolol), on Isolated Dog Coronary Arteries. <i>M. Sakanashi, Y. Miyamoto, S. Takeo and K. Noguchi</i> . . . . .	208
Increased Responsiveness of Intestinal and Vascular Smooth Muscle to Agonists in Rats Infected with <i>Nippostrongylus brasiliensis</i> . <i>S. G. Farmer, J. M. Brown and D. Pollock</i> . . . . .	217

Pharmacological Characterization of Effects of Nifedipine on Isolated Guinea-Pig and Rat Tracheal Smooth Muscle. <i>J. B. Cheng and R. G. Townley</i> . . . . .	228
Contractile Activity of the Isolated Rat Vas Deferens and Release of Prostaglandin E and F-Like Substances. Influences of Acetylcholine and Inhibitors of Cyclo-Oxygenase and Phospholipase A <sub>2</sub> . <i>E. Borda, M. del C. Agostini, H. Peredo, M. F. Gimeno and A. L. Gimeno</i> . . . . .	245
Local Anesthetic Activity and Disopyramide Toxicity. <i>A. Malavé, M. P. Holsapple, and G. K. W. Yim</i> . . . . .	254
The Effects of Amrinone on Cardiac Function, Oxygen Consumption and Lactate Production of an Isolated, Perfused, Working Guinea-Pig Heart. <i>F. Zannad, Y. Juillere and R. J. Royer</i> . . . . .	264
Hemodynamic, Biochemical and Morphological Changes in the Dextran and D-Galactosamine-Induced Edemas in Rats. <i>O. P. Gulati, S. C. Sharma and F. Hammersen</i> . . . . .	272
A Comparison of Pirenzepine and Cimetidine Inhibition of Centrally-Mediated Gastric Acid and Pepsin Secretion in the Gastric-Fistula Cat. <i>J. G. Browning and B. V. Heathcote</i> . . . . .	288
Routes of Drug Delivery to the Middle Segment of the Canine Inferior Vena Cava <i>in Vivo</i> . <i>T. Uematsu, H. Tsuru and T. Shigei</i> . . . . .	297
Electrical Properties of Single Cardiac Purkinje Cells. <i>G. Callewaert, J. Vereecke and E. Carmeliet</i> . . . . .	308
Ipsilateral Flexion Reflex Response to 5-Hydroxytryptamine of the Inflamed Rat Hind Limb. <i>F. C. Colpaert</i> . . . . .	310
The Selectivity of Prazosin in Rat Aorta. <i>T. Godfraind, R. C. Miller and J. Socrates Lima</i> . . . . .	312
Survival and Neurological Outcome of the Mongolian Gerbil with or without Bilateral Carotid Ligation after Treatment with Ether, Thiopental or Etomidate. <i>C. Hermans, J. F. Franssen and A. Wauquier</i> . . . . .	314
Interaction of Peptides and Morphine-Like Narcotic Analgesics with Specifically Labelled $\mu$ - and $\delta$ -Opiate Receptor Binding Sites. <i>B. Hermans, W. Gommeren, W. P. De Potter and J. E. Leysen</i> . . . . .	317
Dependency of Alpha <sub>1</sub> - and Alpha <sub>2</sub> -Adrenergic Contractions of Canine Saphenous Veins on Intra- and Extracellular Activator Calcium. <i>W. J. Janssens, G. G. Beyens and R. H. Verhaeghe</i> . . . . .	320
<sup>3</sup> H-Ketanserin Labels Serotonin S <sub>2</sub> -Receptor Binding Sites on Cat Blood Platelets. <i>J. E. Leysen, W. Gommeren and F. De Clerck</i> . . . . .	322
Serotonergic and Endogenous Opiates Interplay in the Control of ACTH and Prolactin Release. <i>P. Preziosi, M. Vacca and F. Cerrito</i> . . . . .	325
Effect of Etomidate Enantiomers on CRH-ACTH and Prolactin Release. <i>M. Vacca, F. Cerrito and P. Preziosi</i> . . . . .	328
Metabolic Inhibition and the Cardiac Ventricular Action Potential: Voltage Clamp Analysis Using Single Cells. <i>G. Van der Heyden, J. Vereecke, G. Isenberg, G. Callewaert and E. Carmeliet</i> . . . . .	331
Action of Flunarizine and Cinnarizine on Calcium Fluxes in Synaptosomal Preparations from Rat Cerebral Cortex. <i>M. Wibo, I. Delfosse and T. Godfraind</i> . . . . .	333
Contents of Volume 263 . . . . .	335

